(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 23 December 2004 (23.12.2004)

PCT

(10) International Publication Number WO 2004/111749 A3

- (51) International Patent Classification⁷: 1/00, H04M 11/00
- H04N 1/32,

English

(21) International Application Number:

PCT/JP2004/008499

- (22) International Filing Date: 10 June 2004 (10.06.2004)
- (25) Filing Language:
- (26) Publication Language: English
- (30) Priority Data: 2003-165861
- 11 June 2003 (11.06.2003) JP
- (71) Applicant (for all designated States except US): CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): IZUMI, Michihiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
- (74) Agents: OKABE, Masao et al.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

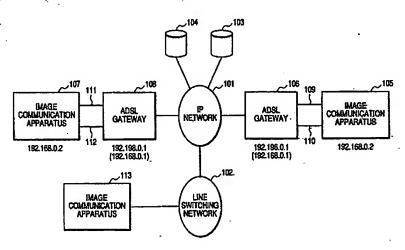
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NB, SN, TD, TG).

Published:

- with international search report
- (88) Date of publication of the international search report: 24 March 2005

[Continued on next page]

(54) Title: COMMUNICATION APPARATUS, CONTROL METHOD OF COMMUNICATION APPARATUS, AND CONTROL PROGRAM OF COMMUNICATION APPARATUS



(57) Abstract: In a communication apparatus corresponding to a voice-band analog communication path and a network communication path, high-speed and high-reliability data communication is achieved by selecting the appropriate communication path without any complicated user operation. The communication apparatus which performs IP communication and analog communication through an ADSL gateway obtains a communication partner IP address from an SIP proxy when a communication partner telephone number corresponds to a VoIP network, and transmits/receives communication data to/from the communication partner on an IP network based on a file transmission/reception protocol such as FTP, HTTP, or the like. The communication apparatus performs analog facsimile communication on a line switching network when the communication partner telephone number does not correspond to the VoIP network, and performs the analog facsimile communication when the communication partner corresponds to the VoIP network but does not have any digital communication means.

O 2004/11174

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.